

[illegible]

POH	J1	B3	C2	G1	F2	H4	Z3	Z4	Z5
	1	2	3	4	5	6	7	8	9

[illegible]

Diagram illustrating the structure of the STS-192 frame, showing the arrangement of STS-1#1 through STS-1#192 and the associated overhead (SOH) and pointer fields.

The frame is organized into three main sections:

- OC-192 SOH (Overhead):** The top section, labeled "OC-192 SOH", with a height of 576 Oct. (octets).
- OC-192 LOH (Overhead):** The middle section, labeled "OC-192 LOH", with a height of 16704 Oct. (octets).
- STS-1#1 through STS-1#192:** The data section, containing 192 STS-1#1 through STS-1#192, with a height of 1 Oct. (octet).

The total frame height is 17280 Oct. (270 × 64). The frame width is 125 μs (8 kHz). The frame is divided into 9 Rows.

POH		1												2												36															
		1				2				3				4				5				6				7				8				9							
		A1	A1	A1	A1	A1	A1	A2	A2	A2	A2	A1	A1	A2	A2	A2	A2	A1	A1	A2	A2	A2	A2	A1	A1	A2	A2	A2	A2	A1	A1	A2	A2	A2	A2	A1	A1	A2	A2	A2	A2
1	J1																																								
2	B3																																								
3	C2																																								
4	G1																																								
5	F2																																								
6	H4																																								
7	Z3																																								
8	Z4																																								
9	Z5																																								

FIG.3

OVERHEAD		FUNCTION
SECTION OVERHEAD	A1,2A	FRAME SYNCHRONIZATION
	B1	ADMINISTRATION OF ERRORS IN SECTION INTERVAL
	D1~D3	USED FOR MAINTENANCE OPERATION
	E1	SPEECH COMMUNICATION FOR CRAFT MAN
	J0 (C1)	DESIGNATION OF OC-1 MULTIPLEX NUMBER OF OC-M SIGNAL
	F1	USED FOR CONVENIENCE OF CRAFT MAN
LINE OVERHEAD	H1,H2	INDICATION OF HEAD PHASE OF PATH
	H3	USED FOR FREQUENCY SYNCHRONIZATION
	B2,M1	ADMINISTRATION OF ERRORS IN LINE INTERVAL
	K1,K2	SWITCHING CONTROL FOR LINE INTERVAL,TRANSFER OF ALARM
	D4~D12	USED FOR MAINTENANCE OPERATION
	E2	SPEECH COMMUNICATION FOR CRAFT MAN
	S1	USED FOR OPERATION OF NETWORK SYNCHRONIZATION
	Z1,Z2	INTERNATIONALLY RESERVED AS SPARE

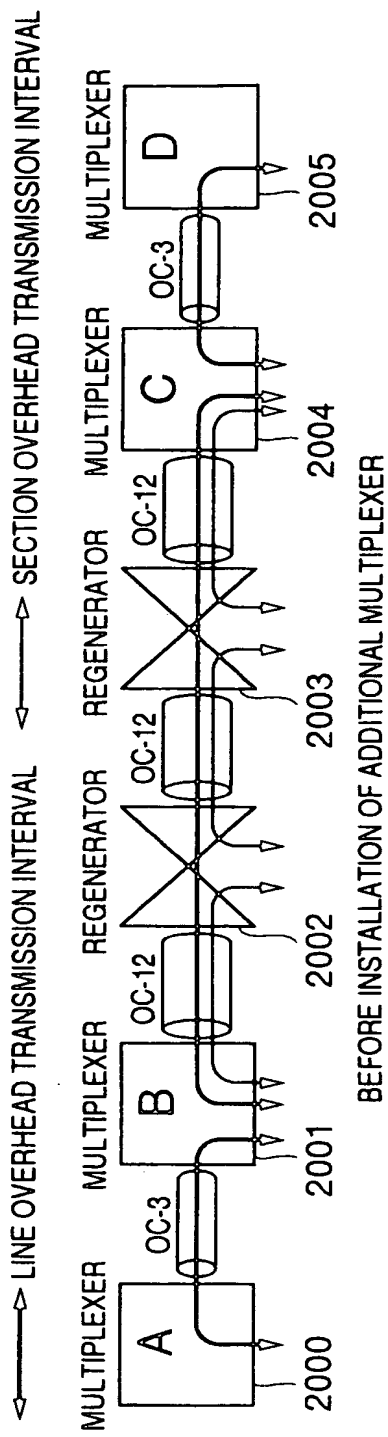


FIG. 4A

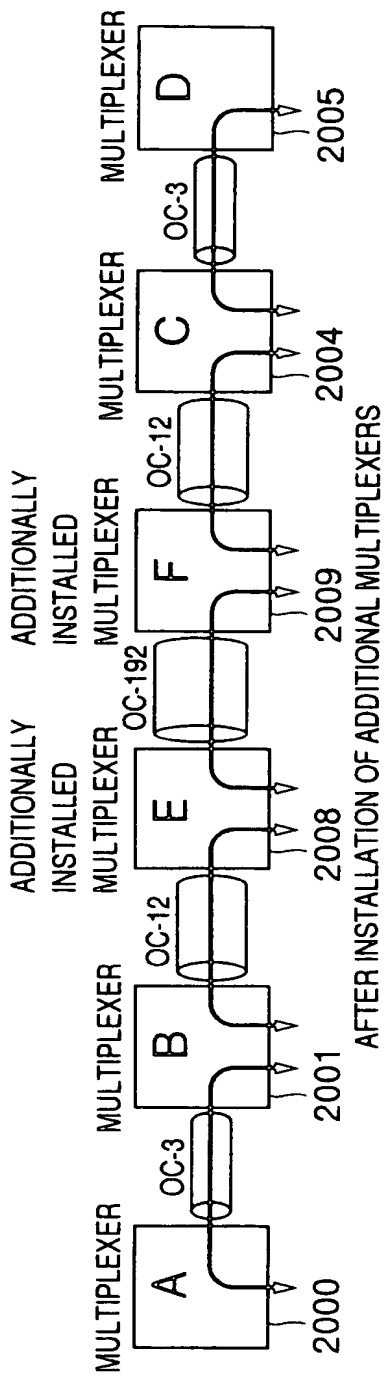


FIG. 4B

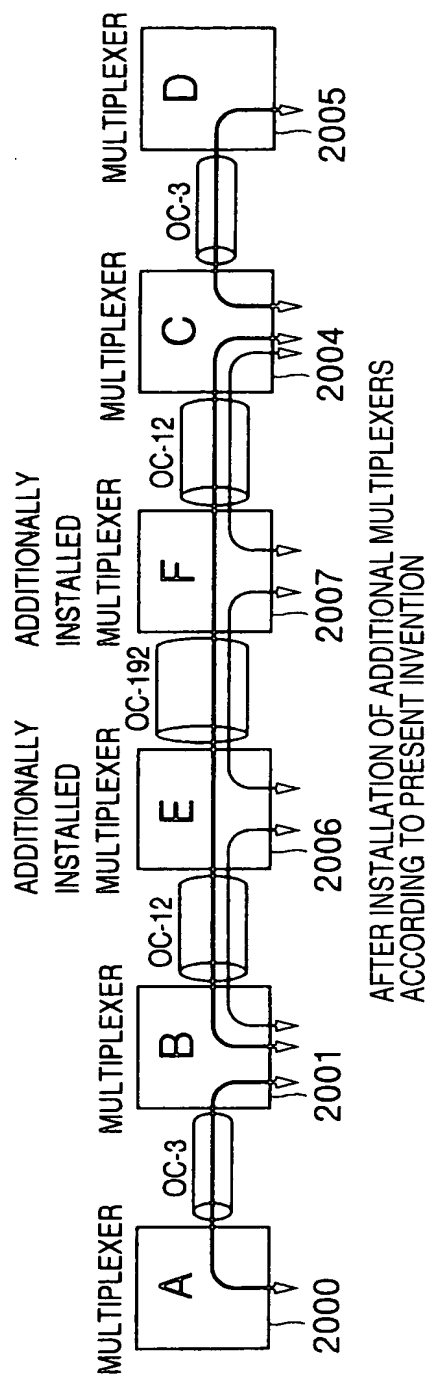
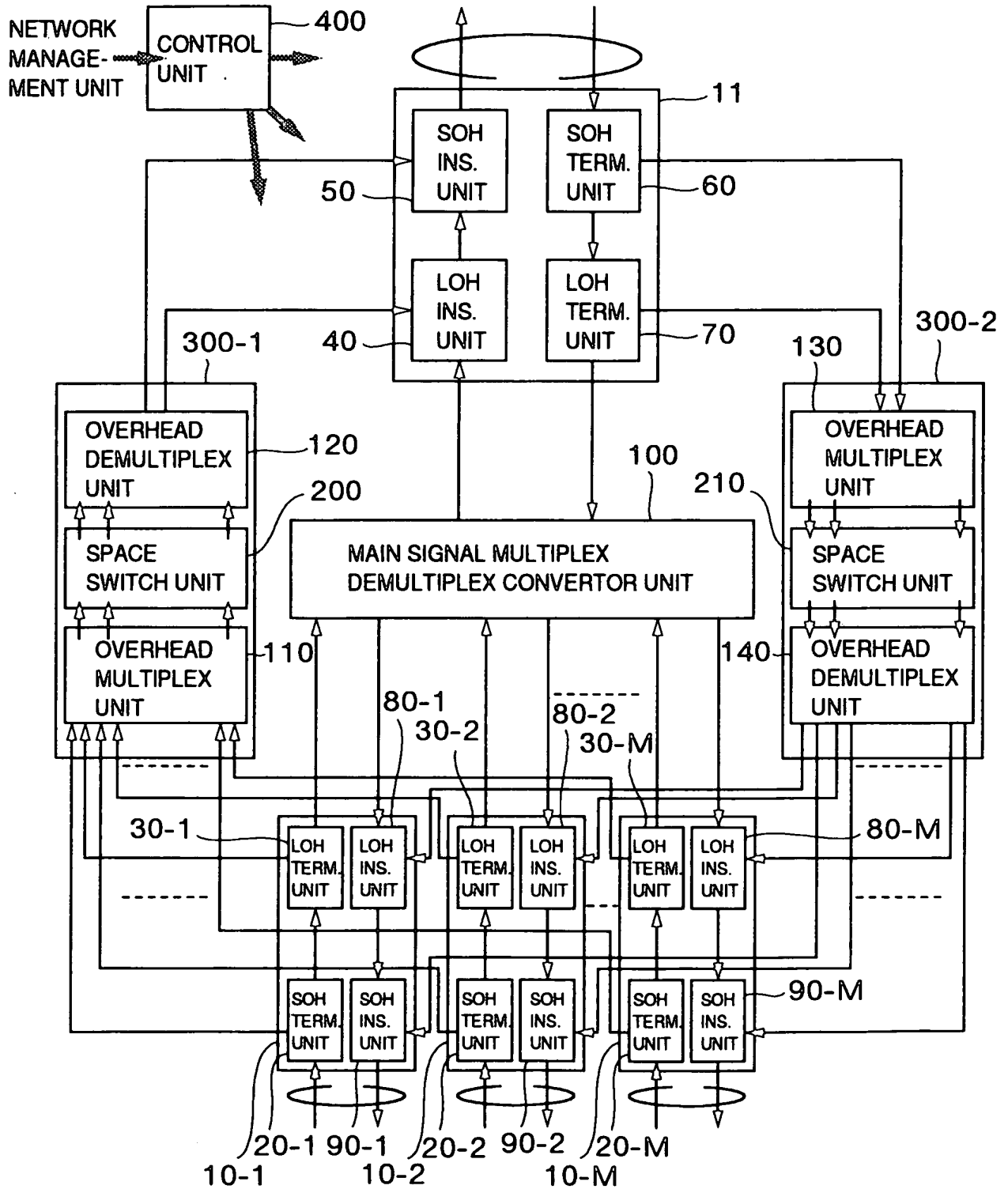


FIG. 4C

FIG.5



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FIG.7

↑ (CONTINUED FROM PREVIOUS PAGE) ↑

(b)

	(1)	(2)	(3)	(4)	(5)	(6)	...	(9)	(10)	...	(13)	...	(61)	(62)	(63)	(64)	(byte)
1	A2	A2	A2	A2	A2	A2	...	A2	A2	...	A2	...	A2	A2	A2	A2	...
2	E1					
3	D2					
4	H2	H2	H2	H2	H2	H2	...	H2	H2	...	H2	...	H2	H2	H2	H2	...
5	K1						...	K1		...	K1	...	K1				...
6	D5						...	D5		...	D5	...	D5				...
7	D8						...	D8		...	D8	...	D8				...
8	D11						...	D11		...	D11	...	D11				...
9	Z2	Z2	M1	Z2	Z2	Z2	...	Z2	Z2	...	Z2	...	Z2	Z2	Z2	Z2	...

(c)

	(1)	(2)	(3)	(4)	(5)	(6)	...	(9)	(10)	...	(13)	...	(61)	(62)	(63)	(64)	(byte)
1	J0	C1	C1	C1	C1	C1	...	C1	C1	...	C1	...	C1	C1	C1	C1	...
2	F1					
3	D3					
4	H3	H3	H3	H3	H3	H3	...	H3	H3	...	H3	...	H3	H3	H3	H3	...
5	K2						...	K2		...	K2	...	K2				...
6	D6						...	D6		...	D6	...	D6				...
7	D9						...	D9		...	D9	...	D9				...
8	D12						...	D12		...	D12	...	D12				...
9	E2						...	E2		...	E2	...	E2				...

FIG.8

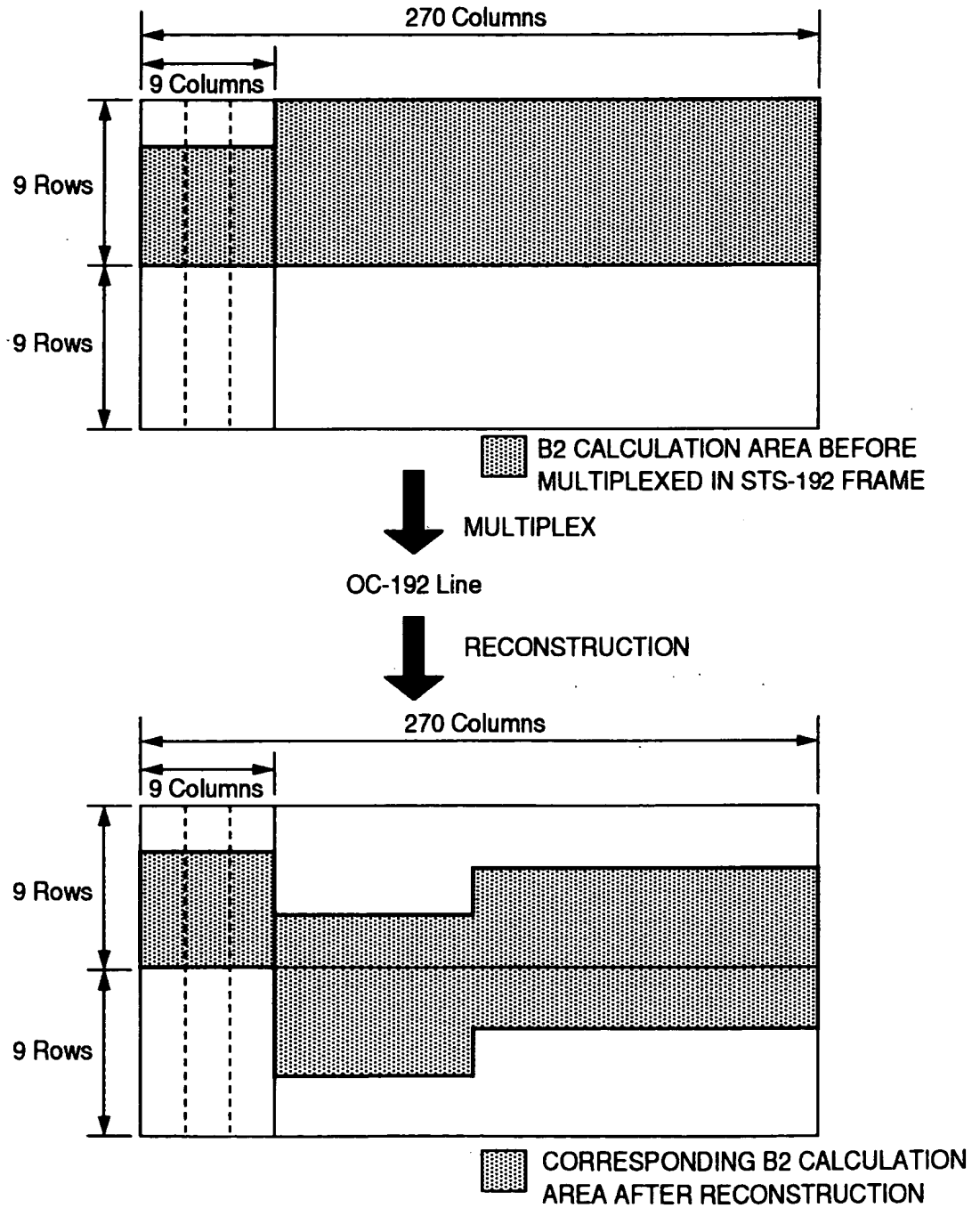


FIG. 9

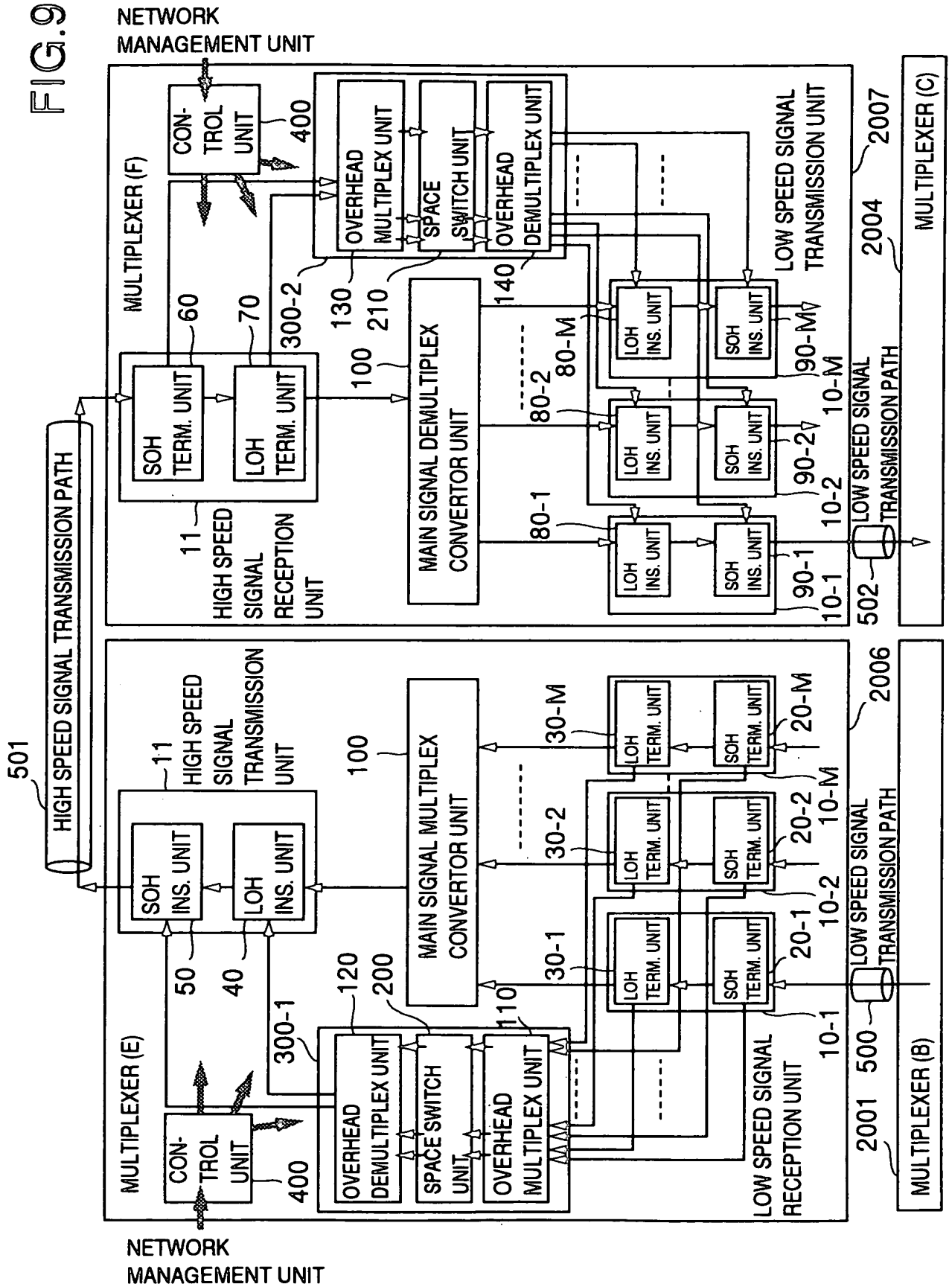
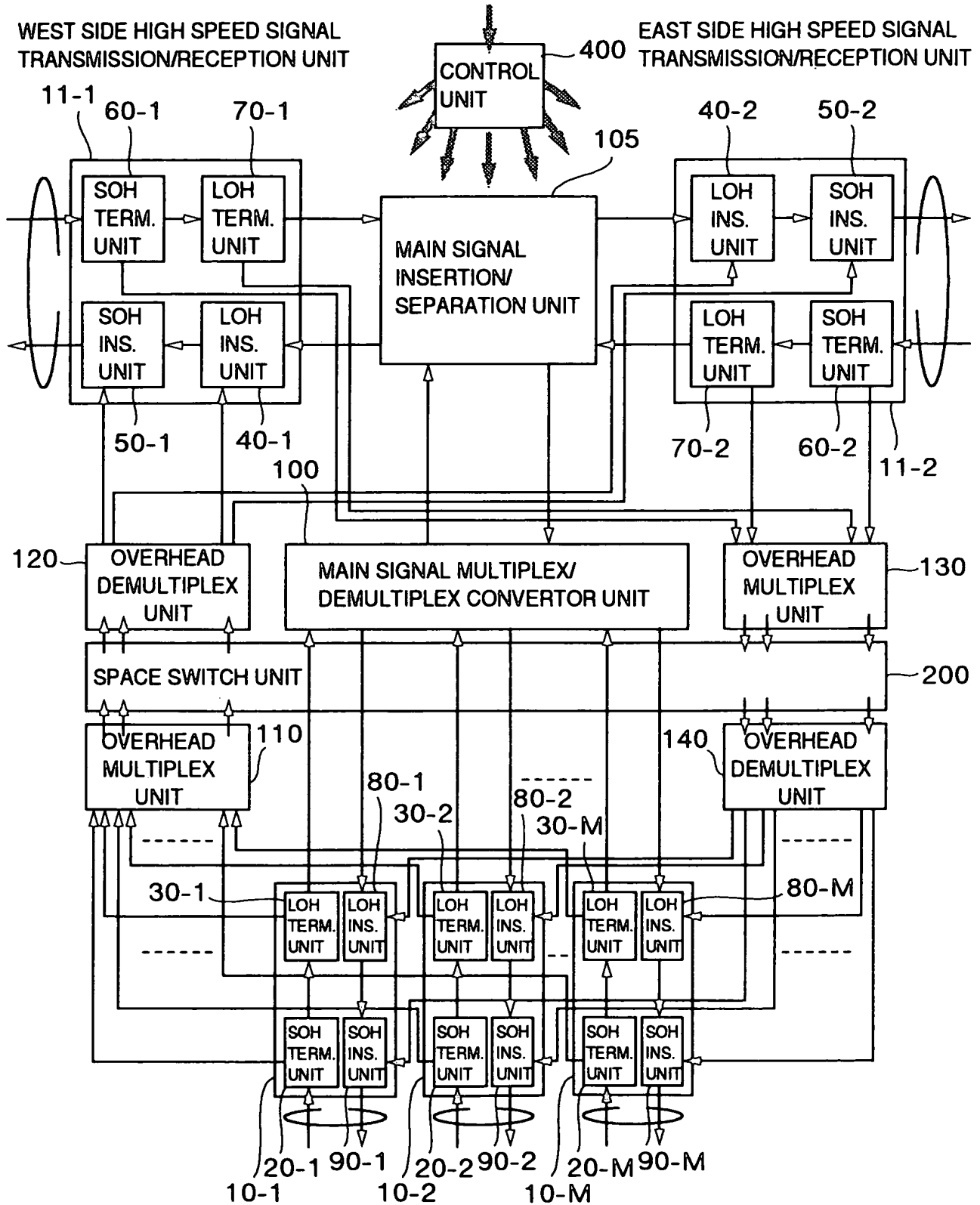


FIG.10

NETWORK MANAGEMENT UNIT

WEST SIDE HIGH SPEED SIGNAL
TRANSMISSION/RECEPTION UNIT

EAST SIDE HIGH SPEED SIGNAL
TRANSMISSION/RECEPTION UNIT



LOW SPEED SIGNAL TRANSMISSION/RECEPTION UNIT

FIG.11A

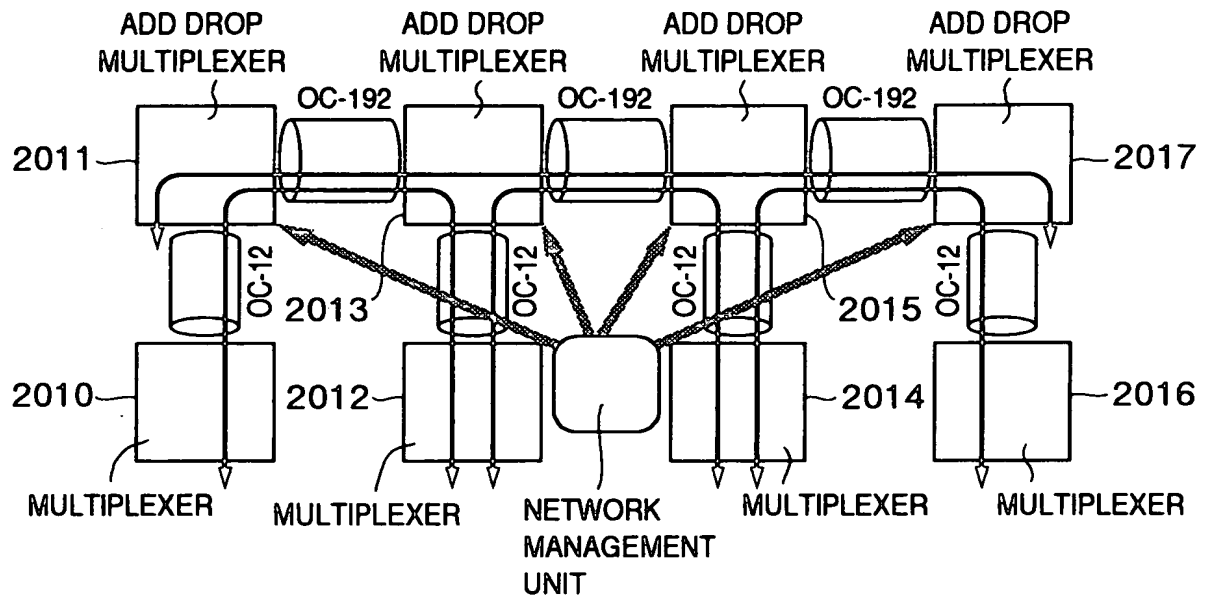


FIG.11B

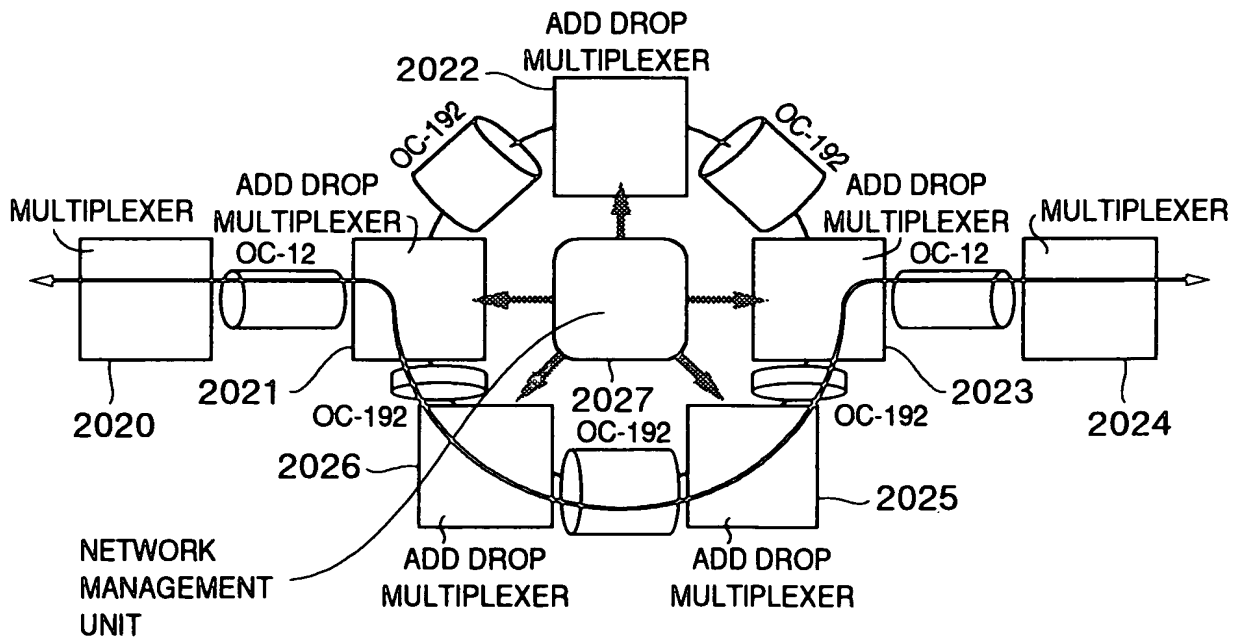


FIG. 13

